

Converting Colors

XYZ(66.5673, 52.1289, 26.6594)

Have a look what the booklet for
XYZ(66.5673, 52.1289, 26.6594)
contains.

XYZ(57.2976, 47.2460, 26.1782)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(57.2976, 47.2460,
26.1782)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9E7F
RGB	255, 158, 127
RGB Percent	100%, 62%, 50%
CMY	0.0000, 0.3804, 0.5020
CMYK	0.00, 0.38, 0.50, 0.00
HSL	15°, 100%, 75%
HSV	15°, 50%, 100%
XYZ	57.2976, 47.2460, 26.1782
YIQ	183.4690, 67.7630, 10.9230

Conversions

Conversions Part 2

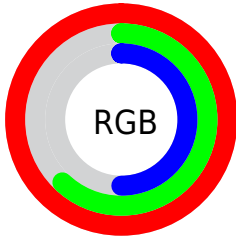
Format	Color
R _Y B	255, 168, 127
Decimal	16752255
CIE Lab	74.35, 32.95, 31.41
CIE LCh	74, 45.523, 43.624
Yxy	47.2460, 0.4383, 0.3614
Android (android.graphics.Color)	4294942335 (0xFFFF9E7F)
YUV	183.4690, -27.8392, 62.7327
Hunter-Lab	68.7357, 28.5088, 25.5342

Details

The XYZ color **57.2976, 47.2460, 26.1782** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **53.4566, 65.0403, 104.3439**, and the grayscale version is **45.3907, 47.7546, 52.0047**.

A 20% lighter version of the original color is **73.2725, 72.1438, 53.2433**, and **28.8968, 22.2411, 9.7911** is the 20% darker color. If you saturate the color by 10%, you get **52.8004, 40.5832, 17.4916**, and if you desaturate by 10%, it is **62.7359, 55.1182, 37.2539**.

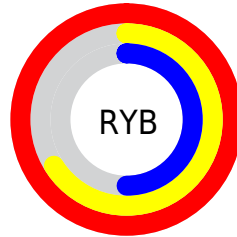
Distribution



Red (100%)

Green (62%)

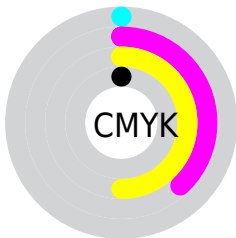
Blue (50%)



Red (100%)

Yellow (66%)

Blue (50%)

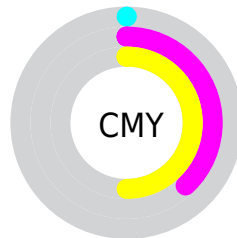


Cyan (0%)

Magenta (38%)

Yellow (50%)

Black (0%)



Cyan (0%)


Magenta (38%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.2976, 47.2460, 26.1782 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 57.2976, 47.2460, 26.1782 by changing the saturation by 10% instead.


 57.2976, 47.2460,
26.1782

 57.2976, 47.2460,
26.1782


404.5597,
375.7956, 297.2890

 41.4853, 33.2302,
16.7300

 100.0281, 86.0807,
54.5499

 28.8878, 22.3028,
9.8823


 127.6771,
111.6684, 74.3105

 19.1398, 14.0796,
5.2164


 160.0023,
141.8821, 98.3457

 11.8760, 8.1760,
2.3138

197.3691,
177.1063, 127.0740

 6.7309, 4.2078,
0.7390

240.1429,
217.7254, 160.9139

 3.3392, 1.7905,
0.0000

288.6891,

 1.3356, 0.4812,

264.1237, 200.2840

0.0000

343.3729,
316.6856, 245.6029

■ 0.2096, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.2976, 47.2460,
26.1782

■ 57.2976, 47.2460,
26.1782

■ 52.8004, 40.5832,
17.4916

■ 62.7359, 55.1182,
37.2539

■ 49.1843, 35.0615,
11.0130

■ 69.1634, 64.2494,
50.8763

■ 46.3873, 30.6162,
6.5393

■ 76.6289, 74.6951,
67.1926

■ 44.3366, 27.1727,
3.8279

■ 85.1769, 86.5052,
86.3376

■ 42.9500, 24.6802,
2.5000

94.8492, 99.7269,
108.4376

95.0498, 99.9999,
108.9000

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



62.0157, 47.2460, 41.5334



57.2976, 47.2460, 26.1782



49.4938, 47.2460, 19.1697

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



57.2976, 47.2460, 26.1782



31.4277, 47.2460, 39.7461



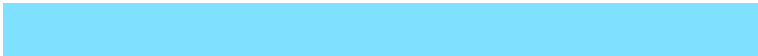
48.7186, 47.2460, 108.9038

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



57.2976, 47.2460, 26.1782



53.4566, 65.0403, 104.3439

Split Complementary

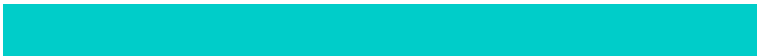
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



40.6107, 47.2460, 107.9823



57.2976, 47.2460, 26.1782



31.2737, 47.2460, 62.8151

Square

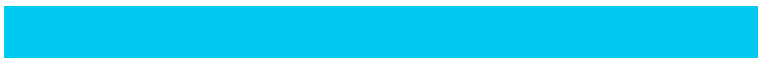
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



57.2976, 47.2460, 26.1782



34.8935, 47.2460, 25.2143



34.4435, 47.2460, 89.2557



56.6709, 47.2460, 91.4849

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



57.2976, 47.2460, 26.1782



43.9177, 47.2460, 18.2830



34.4435, 47.2460, 89.2557



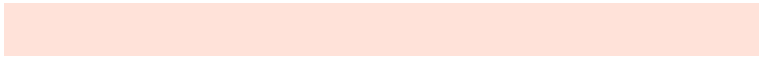
45.9088, 47.2460, 110.8591

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



57.2988, 47.2484, 26.1791



80.9324, 80.6579, 76.7782



62.4382, 41.8826, 76.1229



16.9415, 16.7367, 15.5812



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



57.2988, 47.2484, 26.1791



52.8798, 40.7024, 17.6397



70.8920, 74.4348, 30.7102



18.3666, 18.7014, 18.7860



22.5386, 13.0885, 1.3384



2.2753, 1.4359, 0.1572

Inverse Universe

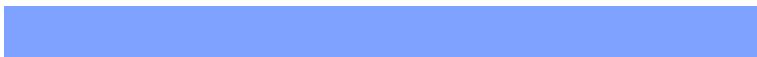
The Inverse Universe completely reimagines the original color for something new.



53.4566, 65.0403, 104.3439



48.5849, 60.1555, 103.6582



39.5709, 37.2689, 99.7154



18.1602, 19.6920, 23.0937



19.5451, 23.9998, 53.0369



1.9879, 2.5065, 5.1923

Previews

White Background



This preview shows how the XYZ color 57.2976, 47.2460, 26.1782 looks on a white background.

Color Contrast Check

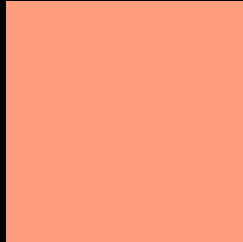
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 57.2976, 47.2460, 26.1782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.2976, 47.2460, 26.1782

Background



This preview shows how black text looks on a background with the XYZ color 57.2976, 47.2460, 26.1782.



This preview shows how white text looks on a background with the XYZ color 57.2976, 47.2460,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

57.2976, 47.2460, 26.1782

Protanopia

44.2859, 47.4377, 30.8670

Deuteranopia

48.1815, 47.1752, 25.6351



Tritanopia

59.5871, 47.0878, 41.5456

Trichromacy



Original Color

57.2976, 47.2460, 26.1782

Protanomaly

48.0544, 46.7450, 29.0442

Deuteranomaly

51.1683, 47.0124, 25.7795

Tritanomaly

58.5473, 46.9371, 35.2521

Monochromacy



Original Color

57.2976, 47.2460, 26.1782

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

48.0414, 46.4718, 41.0882

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.2976, 47.2460, 26.1782 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 158, 127)` looks like.

```
.text, #text, p{  
    color:rgb(255, 158, 127)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 158, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 158, 127) }
```

Border

The CSS property to change the border of an element to XYZ 57.2976, 47.2460, 26.1782 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 158, 127) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(255, 158, 127) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 158, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 158, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 158, 127);  
box-shadow:4px 4px 4px 4px rgb(255, 158,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 57.2976, 47.2460, 26.1782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 158, 127) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
158, 127) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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